

## Farmers Feed Industry Too

UNIVERSITY PARK, PA. — If you shaved this morning, the chances are good you were using a preparation containing soybean oil. But don't let that surprise you. Soybean oil goes into hundreds of items from mayonnaise to paint, from Junior's school crayons to your antiknock gasoline.

Every year industry uses 350 million pounds of soybean oil, according to Dr. Russell E. Larson, director, Cooperative Extension Service, Pennsylvania State University. It also uses 60 million bushels of corn to make starches for paper sizing, explosives, plastics and other uses. In fact, industry buys 4.2 billion dollars worth of nonfood products from the farmers of America, from castor oil to paper pulp.

That's big business. In fact, Dr. Larson pointed out, it's about one-eighth of the farmers' total paycheck for the year. But, that isn't all the farmer sells to industry by a long shot. He also sells food to industry.

## Hunting Mishaps At Low Level

The Pennsylvania Game Commission closed the books on the 1962 hunting seasons this week with the release of final figures on fatal and non-fatal accidents caused by hunters last year.

John Behel, Hunter Safety Training Coordinator for the commission, announced the 1962 record shows 16 fatal accidents, lowest number since 1957, and 435 non-fatal accidents, lowest in 10 years. In 1961 there were 23 fatal and 454 non-fatal accidents involving the use of sporting arms.

Behel said all persons involved in hunting accidents are required by Pennsylvania law to report any injury or death caused by firearms or arrows. As usual, field investigations by Game Commission officers revealed most of the accidents last year resulted from carelessness or improper gun and bow handling. Almost all of them could have been avoided.

"Although the Commission may never be able to report an accident-free year," Behel said, "we are pleased that 1962 was one of the safest hunting years in the past decade. It bears out our belief that accident prevention can best be accomplished through safety education and training." Since 1958 the Game Commission has been engaged in a statewide hunter safety training program. More than 40,000 students, most of them teenagers, have taken the four-hour course given by volunteer instructors trained and certified by the Commission.

The 1962 statistics show that most accidents occurred in small game hunting (317 of the 451 total), most happened during daylight hours and clear weather (almost 80 percent of the total), most involved the use of shotguns (72 percent of the total) and most (48 percent) were caused by persons 21 years of age or older.

No accidents were reported during the 1962 open season on bears, maintaining a perfect safety record for the second year in a row. Archers also kept up an excellent safety record despite 12 non-fatal accidents (most of them minor) while hunting deer with bow and arrow last year. There never has been a fatal archery accident reported in Pennsylvania.

Including food to canners, freezing plants and other processors, he sells 80 percent of everything he raises to supply industry. And that's quite a supply job.

Your dresses and suits came from textile manufacturers who buy 46 percent of the nonfood items the farmer produces. Your insecticides come from the chemical industry which buys 25 percent of the nonfood farm production. Your tobacco, paper and even your Christmas tree are major farm products.

Scientists, Dr. Larson says, are at work in U.S. Department of Agriculture laboratories all over the country finding more ways to use overabundant and new crops. Utilization Re-

search is the name for this work. Dr. Larson believes U.S. farmers soon will need to supply 100 million bushels of now-abundant grains each year to supply the growing paper industry, because of a new-found process.

Looking over the scientist's shoulder, you would see research with guar seeds from India, sorghum, okra, hemp, sesban and kenaf. If you don't recognize all these names, don't worry. Only 30 years ago no one had heard of soybeans.

Why search for new uses for these farm products? Dr. Larson explains that these are natural resources which need never be used up as in the cases of coal or petroleum. From sunlight, rain and soil,

the farmer can keep on creating these raw materials for industry endlessly. He can meet the increasing needs of an expanding population.

He has already shown his ability to produce enough for everyone in abundance. As he produces more products for industry, we all benefit.

the farmer can keep on creating these raw materials for industry endlessly. He can meet the increasing needs of an expanding population. About one-third of all pig born never reach market, says Les Burdette, extension livestock specialist at Penn State. Cold, drafty, wet farrowing houses cause much trouble with baby pigs. This high death rate could be reduced by better management.

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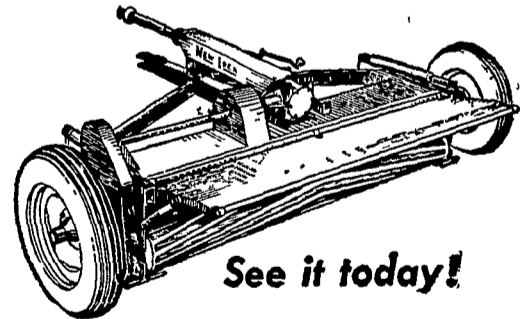
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